

# Nickel District Conservation Authority



## Watershed Management Program Overview

Presentation to City of Greater  
Sudbury's Priorities Committee

September 28, 2005



# Ontario's Conservation Authorities



- Local, community – based environmental agency
- Functions on watershed basis
- Cover large and small watersheds
- 36 CA's across Ontario; five in northern Ontario



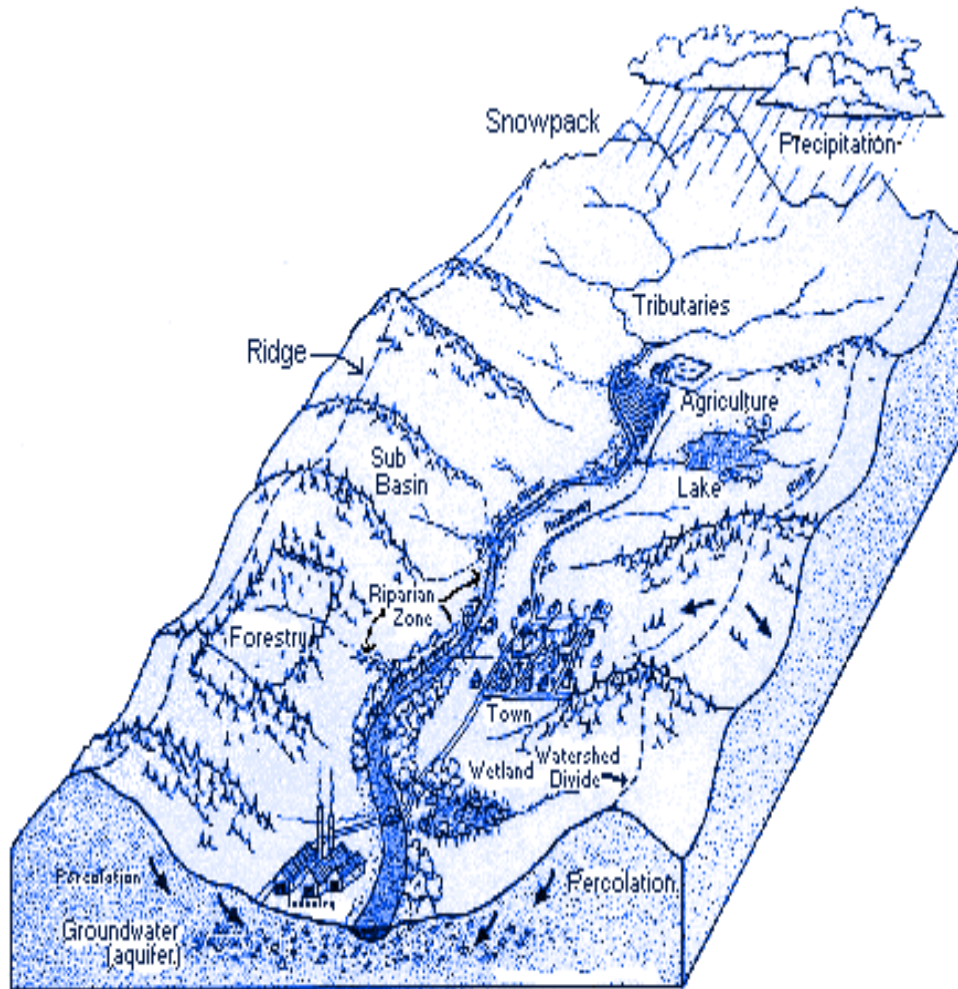


**Conservation  
ONTARIO**  
Natural Champions

# CONSERVATION AUTHORITIES OF ONTARIO



# NDCA Watershed



Produced by Lane Council of Governments

- 7,600 square kilometres
- Covers 95% of the City of Greater Sudbury
- Wahnapiatae, Vermilion, Onaping and Whitefish River watersheds
- CA's have existed in the area since 1957

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# Key Program Activities



- Flood and Erosion control (non-capital)
- Flood Forecasting and Warning
- Regulations Enforcement
- Environmental Education
- Watershed Stewardship / Habitat Protection



# Funding



- Province (MNR, MOE)
- Municipal
- Other (user fees, fundraising, special projects)

# NDCA Priority Initiatives

- Source Water Protection Planning
- Groundwater Monitoring
- Infrastructure Maintenance
- Generic Regulations





# Source Water Protection Planning

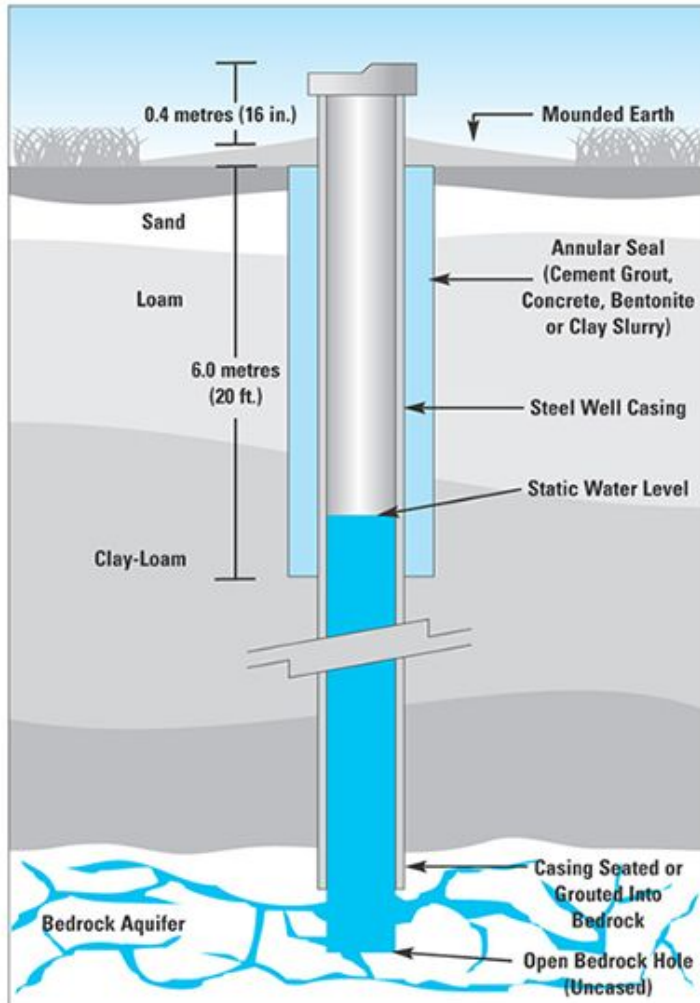
- Safe Drinking Water
- 2005 - 2006 priorities
- SWP Staff Team
- Implementation / Monitoring

SOURCE WATER  
PROTECTION



# Groundwater Monitoring

Drilled Well



Source: *Best Management Practices: Water Wells* (Ontario Ministry of Agriculture, Food and Rural Affairs/Agriculture and Agri-Food Canada)

- Provincial Groundwater network
- NDCA monitoring wells
- SWPP importance

# Water Management Infrastructure Maintenance

- Extend lifetime of structures
- 2005 project initiatives
  - Junction Creek Box Culvert repairs
  - Nickeldale Dam safety review
  - Junction Creek Erosion Control structure
  - Maley Dam upgrades
- 50/50 funding



Junction Creek Box Culvert  
Damage



Work Crew Repairing Box  
Culvert (Winter, 2005)



# Generic Regulations



- Development in certain areas affected
- New regulations in place by May 01, 2006
- Designed to achieve province wide consistency
- Municipal impacts (Planning; Building Controls)

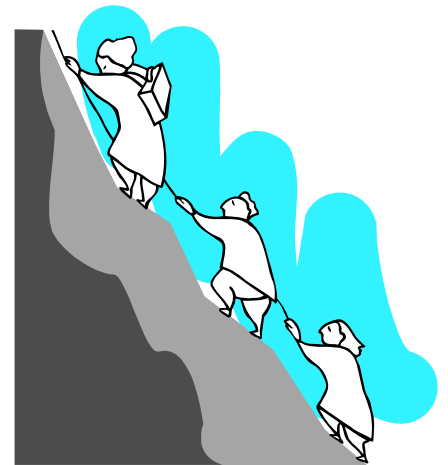
# NDCA Partnerships

- Government agencies (City, MNR, MOE, DFO)
- NGO's (Schools, JCSC, RRA)
- Community groups (Hiking Club, Bio Ski, Adanac Park)



# Current Challenges and Issues

- Provincial Transfer Payments
- No capital funding (Water Management)
- Floodplain mapping
- Source Water Protection implementation
- Conservation Area maintenance





# NDCA Membership and Staff

- **Staff**

- Allen Bonnis, P.Eng. - Director of Operations
- Paul Sajatovic - Planner and Community Relations Coordinator
- Dennis Lenzi – Cartographer
- Linda Lachance – Secretary
- Judy Sewell – Project Manager, Source Water Protection
- Roch Duval – GIS Specialist , Source Water Protection
- Jennifer Salo – Communications Specialist, Source Water Protection

- **Board Members**

- **Ron Bradley (Chairman)**
- Bob Rogers (Vice-Chairman)
- Aaron Beaudry
- Frances Caldarelli
- Gerard Dalcourt
- Ron Dupuis
- Russ Thompson



# Questions and Comments



Thank You